

## Amendments to the Specification

Please amend the paragraph at page 8, lines 6-14 to read as follows:

As shown in Figure 3, a preferred embodiment of electric current measurement apparatus comprises a Rogowski coil 20 comprising a wire or conductor which forms a coil 22 and returns through the coil 22 as a central conductor 24. The coil 22 and the central conductor 24 are formed from a single conductor or wire and, therefore, no electrical joint (for example, a solder joint or crimp) is required at the end of the Rogowski coil 20. Such joints are required in prior art Rogowski coils. Accordingly, the coil 22 and conductor 24 are a seamless wire or conductor.